## SEQUENCE LISTING

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<110	>	Tomo	hiko	Ohta	a												
<120	>	CARC	INOS	TATIO	C ME	rhod	USI	NG BI	RCA1	-BARI	01 P	ATHW	Υ			(,,	IUN 0 1
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gac a Asp 1																	163
gaa d Glu 1																	211
aat o Asn (																	259
aag g Lys 2	gat Asp 55	gag Glu	ttg Leu	cac His	att Ile	gtt Val 60	gaa Glu	gca Ala	gag Glu	gca Ala	atg Met 65	aat Asn	tac Tyr	gaa Glu	ggc Gly		307
agt o Ser I 70																	355
acg g																	403

ttg aag tgt ggt tca ggg cca gtg cat att agt gga cag cac tta gta Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser Gly Gln His Leu Val 105 110 115	451
gct gtg gag gaa gat gca gag tca gaa gat gaa gag gag gag gat gtg Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu Glu Glu Asp Val 120 125 130	499
aaa ctc tta agt ata tct gga aag cgg tct gcc cct gga ggt ggt agc Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala Pro Gly Gly Ser 135 140 145	547
aag gtt cca cag aaa aaa gta aaa ctt gct gct gat gaa gat gat gac Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala Asp Glu Asp Asp 150 155 160 165	595
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Val Asp Asn Asp Glu Asn Glu His Gln Leu Ser Leu Arg Thr Val Ser 35 40 45

Leu Gly Ala Gly Ala Lys Asp Glu Leu His Ile Val Glu Ala Glu Ala 50 55 60

Met Asn Tyr Glu Gly Ser Pro Ile Lys Val Thr Leu Ala Thr Leu Lys 65 70 75 80

Met Ser Val Gln Pro Thr Val Ser Leu Gly Gly Phe Glu Ile Thr Pro 85 90 95

Pro Val Val Leu Arg Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser 100 105 110

Gly Gln His Leu Val Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu
115 120 125

Glu Glu Glu Asp Val Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala 130 135 140

Pro Gly Gly Gly Ser Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala 145 150 155 160

Asp Glu Asp Asp Asp Asp Asp Glu Glu Asp Asp Glu Asp Asp 165 170 175

Asp Asp Asp Phe Asp Asp Glu Glu Ala Glu Glu Lys Ala Pro Val 180 185 190

Lys Lys Ser Ile Arg Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn 195 200 205

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Gln Glu Ser Phe Lys Lys Gln Glu Lys Thr Pro Lys Thr Pro Lys Gly
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Pro Ser Ser Val Glu Asp Ile Lys Ala Lys Met Gln Ala Ser Ile Glu
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                                      250
Lys Gly Gly Ser Leu Pro Lys Val Glu Ala Lys Phe Ile Asn Tyr Val
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Val Thr Leu Ala Thr Leu Lys
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